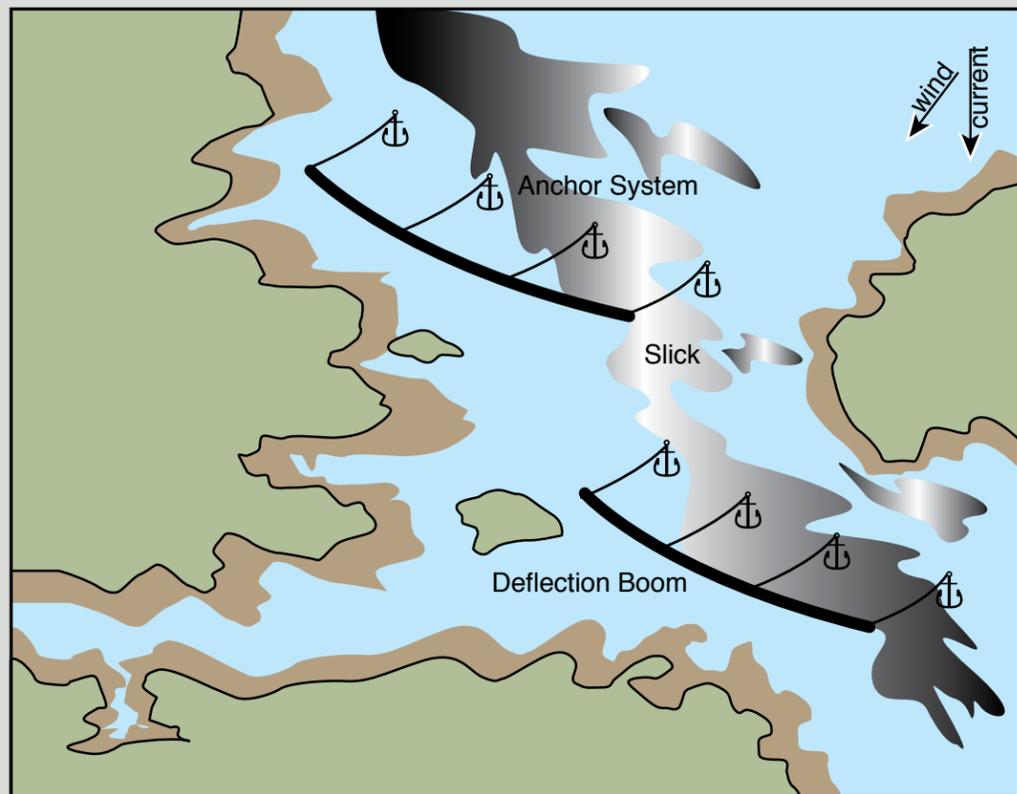


An example of the *Deflection Booming Tactic*. Actual deployment should be adjusted for local conditions.



# Egg Island, NWA-S52

Center of map at 63° 36.56' N Lat., 161° 44.75' W Lon.

## Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone



**Legend**

- Free-oil Recovery
- Deflection Booming
- Passive Recovery - Marine Mammals
- Protected-water Boom

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-52-01 	<b>Egg Island</b> a. Lat. 63° 36.15 N Lon. 161°44.32 W b. Lat. 63° 36.43 N Lon. 161°44.43 W	<b>Deflection</b> Deflect oil coming towards Egg Island into the channel for free-oil recovery.	Deploy boom and anchor system with skiffs (class 6).  Depending on the trajectory of the oil, position in a cascaded fashion 3 x 300 ft. of protected-water boom at a proper angle to deflect oil from impacting Egg Island.  Tend throughout the tide.	<b>Deployment Equipment</b> 900 ft. protected-water boom 9 ea. anchor systems <b>Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 5 ea. vessel crew 2 ea. response techs <b>Tending Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew 1 ea. response techs	Vessel Platform	Via marine waters  Chart 16240	Fish: intertidal herring spawning  Birds: waterfowl concentration, seabird nesting, Critical Habitat  Marine mammals: walrus  Habitat: exposed rocky shore  Human use: commercial fishing, subsistence	Vessel master should have local knowledge.  Consult the ADEC "Spill Tactics for Alaska Responders" manual for additional information on the deployment of these tactics.  Consult the Site Selection Matrix for the Cultural Resources Designation.  Surveyed: not yet  Tested: not yet
S-52-02 	<b>Egg Island</b> Actual location of this protection strategy will depend on field assessment at the time of deployment.	<b>Passive Recovery-MM</b> Minimize impact to marine mammal haulouts.  Deploy after consulting with NMFS.	Broadcast sorbent material on the walrus haulout immediately prior to or after oil spill impact.  Monitor after each high tide and replace as necessary.  Minimize disturbance of marine mammals.	<b>Deployment Equipment</b> Broadcast sorbent materials 1 ea. broadcasting system <b>Vessels/Personnel/Shift</b> Same as S-48-01 <b>Tending Vessels/Personnel/Shift</b> Same as S-48-01	Vessel platform	Via marine waters  Chart 16240	Same as S-51-01	Consult with the National Marine Fisheries Service prior to implementing this tactic.
S-52-03 	<b>Egg Island</b> Nearshore waters in the general area of-  Lat. 63° 36.44 N Lon. 161°44.02 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment around Egg Island depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Egg Island.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	11 nm to St Michael	Via marine waters  Chart 16240	Same as S-51-01	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.